

REMARKS

This Application has been carefully reviewed in light of the Office Action. Applicants appreciate the Examiner's consideration of the Application. In order to advance prosecution of this Application, Applicants have responded to each notation by the Examiner. Applicants respectfully request reconsideration and favorable action in this case.

Applicants' Summary of Interview

Applicants thank the Examiner for the courtesy and opportunity to conduct the telephone interview on June 3, 2008. In the telephone interview, Applicants pointed out portions of the Specification that supported the claims. The Examiner indicated that the portions supported the claims.

Section 112 Rejection

The Examiner rejected Claims 1-20 under 35 U.S.C. § 112, first paragraph. Applicants respectfully submit that the Specification supports the claims. For example, the following portions of the Specification support Claim 1:

A packet of the signal may have, for example, a preamble of $L=50$ symbols and a total coded packet size of $L_{tot} = 1024$ symbols with Minimum Shift Keying (MSK) modulations.

(Specification, p. 11, ll. 13-15.)

Any suitable number N of FFT [fast Fourier transform] bins may be used, for example, $N=1024$, where k ranges from $k = 0$ to $k = N - 1$.

(Specification, p. 13, ll. 26-28.)

Any suitable number of zero-valued samples may be added to the signal to zero-pad the signal in any suitable manner. According to one embodiment, to generate a fast Fourier transform of N samples for L symbols, $N-L$ zero-valued complex samples may be appended. For example, to generate a fast Fourier transform of $N=1024$ samples for $L=50$ symbols, $N-L=974$ zero-valued complex samples may be appended.

(Specification, p. 13, ll. 7-14.)

For at least these reasons, independent Claim 1 and its dependent claims are allowable under 35 U.S.C. § 112, first paragraph. For analogous reasons, independent Claims 10 and 19-20 and their respective dependent claims are allowable under 35 U.S.C.

§ 112, first paragraph. Accordingly, Applicants respectfully request reconsideration and allowance of Claims 1-20.

CONCLUSION

Applicants have made an earnest attempt to place this case in condition for allowance. For at least the foregoing reasons, Applicants respectfully request full allowance of all the pending claims.

If the Examiner believes a telephone conference would advance prosecution of this case in any way, the Examiner is invited to contact Keiko Ichiye, the Attorney for Applicants, at the Examiner's convenience at (214) 953-6494.

Although Applicants believe no fees are due, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

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Date: June 11, 2008

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